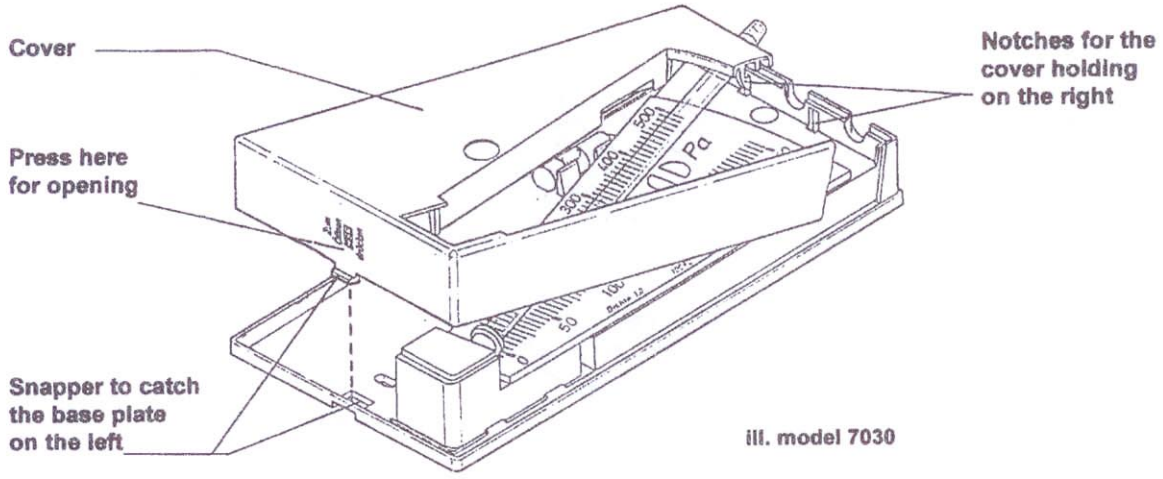
OPERATING INSTRUCTIONS
MULTI - RANGE - MANOMETERS 7030 - 7032

Models 7030 - 7032 are ready for mounting. For this purpose the instrument cover, which is held without screws, must be removed.

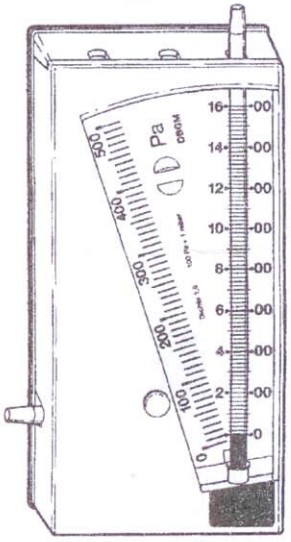


ill. model 7030

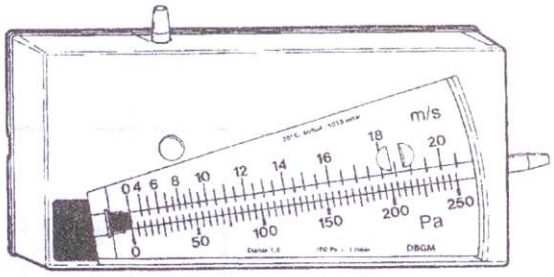
Remove cover from base plate by pressing the left side wall of the cover where indicated.

The provided drilling template facilitates the marking of the bore holes for mounting the instruments.

ill. model 7031



ill. model 7032 in combination with static tube acc. to Prandtl



Screws DIN 7981 4,2 x 13 mm are part of the standard accessories.

The levelling bubble mounted on the base plate is used for horizontal adjustment of the inclined - tube - manometer 0 - 250 Pa, 4 - 20 m/s und 0 - 500 Pa.

The levelling bubble is not required for U - tube - manometers 0 - 1600 Pa (burette vertical).

Setting up the measuring range: remove cover, press burette into the provided locking, replace cover.

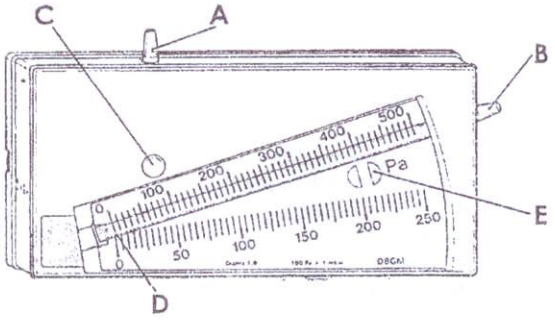
Filling the measuring liquid: remove plug (C) from storage tank, fill in the blue measuring liquid supplied up to the zero point (D) of the burette and close tank with plug.
Precision adjustment is possible through shifting the scale (E).

to Prandtl

Preparing the connection:

for gauge pressure measurements:	connection at (A)
for vacuum measurements:	connection at (B)
for differential pressure measurements:	connection at (A) and (B)- higher pressure at (A)

Attention:
please use our special blue measuring liquid with density 1,00 (spec. weight), which does not corrode the acrylic glass of the burette. This special liquid hardly evaporates and is temperature resistant between -20°C and +50°C.
In case of need the instruments may also be filled with coloured water.
The limit pointers supplied may be used for marking the operating range.



Maintenance and service
In the frame of maintenance work it is useful to inspect regularly the zero point display. Possibly the scale must be adjusted. In that case the air connections must be removed.

alterations reserved.